

AMENDMENTS TO THE CLAIMS

1. (CURRENTLY AMENDED) A method of managing overwrite on an optical disc ~~write-once~~, comprising:

writing replacement-recording data which is requested to be overwritten in a specified area of the disc where recording is completed in another data area separated from the specified area in the disc; and

recording management information for ~~reproducing~~ managing the replacement-recorded data,

wherein the management information includes two entries,

the first entry includes start address information of the specified area requested to be overwritten and start address information of the replacement-recorded area, and

the second entry includes end address information of the specified area requested to be overwritten and end address information of the replacement-recorded area.

2. (ORIGINAL) The method of claim 1, wherein the data requested to be overwritten is replacement-recorded before an outer spare area among the data area of the disc.

3. (ORIGINAL) The method of claim 1, wherein the data which is requested to be overwritten is consecutively replacement-recorded after a final data recording position among the data area of the disc.

4. (ORIGINAL) The method of claim 1, wherein the data which is requested to be overwritten is replacement-recorded in an overwrite area separately allocated in the data area of the disc.

5. (ORIGINAL) The method of claim 1, wherein the data which is requested to be overwritten is replacement-recorded in a spare area of the disc.

6-7. (CANCELED)

8. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the management information is recorded in a temporary defect management area of the disc.

9-19. (CANCELED)

20. (CURRENTLY AMENDED) An apparatus for recording/reproducing an optical disc ~~write-once~~, comprising:

a recording/reproducing device for ~~judging whether a specified area which is requested to be overwritten is an area where recording is completed or an area where no recording is performed, and recording the data in a replacement area of a data area and recording a management information regarding the replacement recording data if it is judged that the specified area~~ an area which is requested to be written is ~~the~~ an area where the recording is completed,

wherein the management information includes two entries,

the first entry includes start address information of the specified area requested to be overwritten and start address information of the replacement area, and

the second entry includes end address information of the specified area requested to be overwritten and end address information of the replacement area.

21. (CURRENTLY AMENDED) A recording medium comprising:

a data area including an area being usable as a replacement area; and

at least one management area for storing management information,

wherein the management information ~~including includes~~ consecutive two entries,

the first entry ~~including includes~~ start address information of an original area and start address information of the replacement area,

the second entry ~~including includes~~ end address information of the original area and end address information of the replacement area, ~~wherein and~~

the original area is an area of the data area which is requested to be overwritten.

22. (PREVIOUSLY PRESENTED) The recording medium of claim 21, wherein the recording medium is a write once optical disc.

23. (NEW) The method according to claim 1, wherein the second entry immediately follows the first entry.

24. (NEW) The method according to claim 1, wherein the start address information and the end address information include first physical sector numbers (first PSNs).

25. (NEW) The method according to claim 1, wherein the management information further includes status information indicating a type of each of the first and second entries.

26. (NEW) The apparatus according to claim 20, wherein the second entry immediately follows the first entry.

27. (NEW) The apparatus according to claim 20, wherein the start address information and the end address information include first physical sector numbers (first PSNs).

28. (NEW) The apparatus according to claim 20, wherein the management information further includes status information indicating a type of each of the first and second entries.

29. (NEW) The recording medium according to claim 21, wherein the second entry immediately follows the first entry.

30. (NEW) The recording medium according to claim 21, wherein the start address information and the end address information include first physical sector numbers (first PSNs).

31. (NEW) The recording medium according to claim 21, wherein the management information further includes status information indicating a type of each of the first and second entries.